



Status of GLAST User Support

David Band (GSSC/JCA-UMBC)



Outline

1. **Timeline Posting Tool**
2. **GI Proposal Form**
3. **TOO Request Form**
4. **Documents**



Timeline Posting Tool

- **Users will request past, present and future timelines through a webpage.**
- **Many options exist to select the displayed observations (e.g., by time, source, PI).**
- **Many options exist to choose the displayed quantities.**
- **The tool displays the most up-to-date information available.**

- **The GUC will be asked to beta test this tool along with the GI tools.**



GI Proposal Form

- **GIs will enter basic proposal and target information through the Remote Proposal System (RPS).**
- **RPS populates an OGIP database. Reports from this database will be used to populate GSSC databases.**
- **The RPS form has already been created because GSSC software requires the reports from the OGIP databases.**
- **Proposers can skip the target form if they are not requesting pointed observations.**
- **Target form based on RXTE—too detailed?**
- **The GUC will be asked to beta test this interface along with the GI tools.**



TOO Request Form

- **Scientists will request target-of-opportunity (TOO) observations through an RPS form.**
- **The form supports both TOOs based on a successful GI proposal and ‘out-of-the-blue’ requests.**
- **The request will be e-mailed to the GSSC operations software that will ingest the data into a database and initiate the human review of the request by activating the paging system.**
- **The RPS form has already been created because the resulting e-mail is needed for developing the operations software.**
- **The GUC will be asked to beta test this interface along with the GI tools.**



Documents—PDMP

- I have posted the revision of the PDMP based on the GUC's suggestions at http://glast.gsfc.nasa.gov/ssc/dev/current_documents/PDMP.doc
- Updates are needed from the ground system and the IOCs.



Documents—Science Data Products

- Two draft science data products documents: an ICD (~20 pages) and a 'File Format Document' (FFD, ~275 pages).
- The file transfer protocols and schedules have been worked out, but the ICD draft is not that mature.
- The FITS file formats defined in the FFD are quite mature, and have been passed by the OGIP FITS WG.
- We have a time convention—the same as Swift's
 - The official time system is TT
 - Most times are given as Mission Elapsed Time (MET) relative to a reference time (MJDREF)
 - MJDREF is 0h0m0s on January 1, 2001 (UTC) or
MJDREF=51910 (UTC) = 51910+7.428703703703703D-4 (TT)
- Drafts can be found at
http://glast.gsfc.nasa.gov/ssc/dev/current_documents/